CIVIL PRO, BANGALORE
Address: # 4, 7TH MAIN, MALLESWARAM BANGALORE 560 003, KARNATAKA

Job Code	–	**DATA ENTRY SHEET**	
CP Reference ID	**CP-2022-05-07-05**	**Date:**	**01-06-22**
Customer Name	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.		
Customer Address	Yelahanka Sub Division, BBMP, Bangalore.		
Name of Work	Improvements and Asphalting to Roads at Kamakshamma Layout in Chowdeshwari Ward No 02 of Yelahanka Sub Division		
Agency	Sri.R Ranganath, No.37, 19th Cross, 1st 'N' Block, Rajajinagara, Mahalakshmipuram, Bangalore - 560010		
Work Order Ref	BBMP/EE/YNK.D/EPMT-15/W.O/140/2021-22	Date:	28-03-22
Work Start Date	**27-04-22**	**Work End Date**	
Remark	**Dates given as per work order date**		
Report Prepared By	**Chethana M B**		

Samples Details

SAMPLE NAME	SAMPLE DETAILS			CP ID
	Qnty	Sets	Date	
CEMENT			27-04-22	CP-2022-05-07-05
C.A 40MM, 20MM			27-04-22	CP-2022-05-07-05
F.A			27-04-22	CP-2022-05-07-05
STEEL			27-04-22	CP-2022-05-07-05
PRECAST(100 mm Thick)			07-05-22	CP-2022-05-07-05
PRECAST(250mm Thick)			07-05-22	CP-2022-05-07-05
KERB(450X165X400)			07-05-22	CP-2022-05-07-05
PCC M15	4.74	1 set	30-04-22	CP-2022-05-07-05
Drain Concrete M20	37.09	4 Set	05-05-22	CP-2022-05-07-05
WMM			11-05-22	CP-RW-2022-05-07-05
Bitumen			14-05-22	CP-RW-2022-05-07-05
DBM Material			17-05-22	CP-RW-2022-05-07-05
DBM Extraction			23-05-22	CP-RW-2022-05-07-05
BC Material			20-05-22	CP-RW-2022-05-07-05
BC Extraction			25-05-22	CP-RW-2022-05-07-05
Tack Coat			25-05-22	CP-RW-2022-05-07-05
Thermoplastic Compound			28-05-22	CP-RW-2022-05-07-05
Agency Representative Name	Ranganath		Phone No	

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QC ABSTRACT

NAME OF WORK: Improvements and Asphalting to Roads at Kamakshamma Layout in Chowdeshwari Ward No 02 of Yelahanka Sub Division

SL NO	Item Of Work	Name of Test	Frequency of Test/Quantity	Executed Quantity	Number of Tests Required	Number of Tests Conducted
		Materials			1	1
1	Cement	Fineness by dry sieving	One Test		1	1
		Finess by Air permeablity method	One Test		1	1
		Density	One Test		1	1
		Standard Consistency	One Test		1	1
		Initial Setting time	One Test		1	1
		Final Setting time	One Test		1	1
		Soundness (Le Chatelier's Method)	One Test		1	1
		Compressive Strength	One Test		1	1
2	Coarse aggregate(40 mm down size)	SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
3	Coarse aggregate(20 mm down size)	SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
		Aggregate crushing Value	One Test		1	1
		Aggregate Impact Value	One Test		1	1
4	Fine aggregate	SIEVE ANALYSIS	One Test		1	1
		Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
5	Steel	Bend test	One Test		1	1
		Tensile Test	One Test		1	1
		Yield Test	One Test		1	1
		ReBend test	One Test		1	1
6	KERB	Core Compressive strength	One Test		1	1
		Corrected Cylinder Compressive strength	One Test		1	1
		Equivalent Cube Compressive strength	One Test		1	1
7	Precast (100mm)	Core Compressive Strength	One Test		1	1
		Corrected Cylinder Compressive Strength	One Test		1	1
		Equivalent Cube Compressive Strength	One Test		1	1
8	Precast (250mm)	Core Compressive Strength	One Test		1	1
		Corrected Cylinder Compressive Strength	One Test		1	1
		Equivalent Cube Compressive Strength	One Test		1	1

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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2022-05-07-05** **Date: 29-04-22**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements and Asphalting to Roads at Kamakshamma Layout in Chowdeshwari Ward No 02 of Yelahanka Sub Division
Agency	:	Sri.R Ranganath, No.37, 19th Cross, 1st 'N' Block, Rajajinagara, Mahalakshmipuram, Bangalore - 560010
Customer Reference	:	BBMP/EE/YNK.D/EPMT-15/W.O/140/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-04-22
Sample Type/ Size	:	20mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2021 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	27-04-22

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken : 5000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	255	255	5.1	94.9	90-100
3	10 mm	2789	3044	60.9	39.1	25-55
4	4.75 mm	1545	4589	91.8	8.2	0-10
5	Pan	411	5000	100	0	_

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CIVIL Pro Sig..... Date..... BANGALORE

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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2022-05-07-05** **Date: 02/06/2022**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements and Asphalting to Roads at Kamakshamma Layout in Chowdeshwari Ward No 02 of Yelahanka Sub Division
Agency	:	Sri.R Ranganath, No.37, 19th Cross, 1st 'N' Block, Rajajinagara, Mahalakshmipuram, Bangalore - 560010
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-15/W.O/140/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	07-05-22
Customer ID	:	Drain Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 02/06/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Concrete	M20	05/05/2022	02/06/2022	151.76 X 150.24 X 149.29	22800	8.372	532.6	23.4	23.1
2	Drain Concrete	M20	05/05/2022	02/06/2022	150.90 X 150.30 X 151.43	22680	8.199	510.5	22.5	
3	Drain Concrete	M20	05/05/2022	02/06/2022	150.07 X 149.59 X 150.53	22448	8.499	527.8	23.5	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

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FOR CIVIL Pro.

R.KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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Yelahanka, Bangalore